

Amendments to the Specification:

Page 2, please replace the heading and paragraph between lines 25 and 26 inserted by the July 25, 2002 Amendment as follows:

Brief Explanation of the Drawings

- Fig. 1 is an example showing the known principle of a telecentric laser scanner;
- Figs. 2a-d show examples of laser scanner measuring systems according to the present invention with different retro reflectors;
- Fig. 3 shows an example of a laser scanner measuring system according to the present invention including a dark stop;
- Fig. 4 shows a further example of a laser scanner measuring system according to the present invention including a dark stop;
- Fig. 5 shows a further example of a laser scanner measuring system according to the present invention including a dark stop;
- Fig. 6 shows a further example of a laser scanner measuring system according to the present invention including a dark stop;

- Fig. 7 shows an example of a laser scanner measuring system according to the present invention having several (additional) retro reflector units on different positions relative to an object;
- Fig. 8 shows an example of a laser scanner measuring system according to the present invention, wherein the laser beam is split by optical means in a direction orthogonal on the scanning plane and wherein a separate receiver is provided for each scanning line;
- Fig. 9a/b show two examples wherein a laser scanner measuring system according to the present invention is built as a modular system; ~~and~~
- Figs. 10a/b show different elements for use in a modular system according to Figs. 9a/b;[[.]]
and
- Fig. 11 schematically shows a laser scanning measurement system for controlling a production process.